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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 67 For Week Ended November 21, 1986 NO. 47

SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/21/86	Last Week Ending: 11/14/86	Last Year Week Ending: 11/22/85	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,146	12,770	12,815	376	331
Operable capacity	15,594	15,594	15,638	0	-44
Percent operated	84.3	81.9	81.9		
Motor Gasoline					
Total motor gasoline production	7,118	6,692	6,434	426	684
Finished leaded motor gasoline production	1,983	1,889	2,241	94	-258
Finished unleaded motor gasoline production	5,135	4,803	4,193	332	942
Total motor gasoline stocks	223,317	224,888	214,403	-1,571	8,914
Finished leaded motor gasoline stocks	63,882	64,177	71,381	-295	-7,499
Finished unleaded motor gasoline stocks	122,738	123,318	108,837	-580	13,901
Jet Fuel Kerosine					
Jet fuel kerosine production	1,134	1,105	1,123	29	11
Jet fuel kerosine stocks	41,447	42,972	36,579	-1,525	4,868
Distillate Fuel Oil					
Distillate fuel oil production	2,961	2,892	3,107	69	-146
Distillate fuel oil stocks	150,187	154,344	131,978	-4,157	18,209
Residual Fuel Oil					
Residual fuel oil production	910	957	976	-47	-66
Residual fuel oil stocks	46,191	45,703	45,222	488	969
Imports					
Crude oil imports	4,668	5,010	3,899	-342	769
Product imports	2,263	1,866	2,014	397	249
Crude Oil Stocks					
Crude oil stocks	343,659	342,726	313,289	933	30,370

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,291	1,120	1,127	1,346	83.7
Appal. No. 1	116	107	108	108	100.0
DISTRICT 1 TOTAL	1,407	1,227	1,235	1,454	84.9
Appal. No. 2	47	43	43	66	65.2
Ind., Ill., Ky.	2,072	1,904	1,931	2,210	87.4
Minn., Wis., Daks.	318	305	305	322	94.7
Okla., Kans., Mo.	709	671	687	726	94.6
DISTRICT 2 TOTAL	3,146	2,923	2,966	3,324	89.2
Inland Texas	538	458	470	568	82.7
Texas Gulf Coast	3,589x	2,989x	3,050x	3,738	81.6x
La. Gulf Coast	2,482	2,307	2,319	2,578	90.0
N. La. and Ark.	204	185	189	258	73.3
New Mexico	74	68	68	79	86.1
DISTRICT 3 TOTAL	6,887x	6,007x	6,096x	7,221	84.4x
DISTRICT 4 TOTAL	448	418	428	527	81.2
DISTRICT 5 TOTAL	2,659	2,411	2,421	3,068	78.9
TOTAL U.S.	14,547	12,986	13,146	15,594	84.3
TOTAL U.S. Weeks Ended:					
NOV. 14, 1986	14,316x	12,622x	12,770x	15,594	81.9x
NOV. 22, 1985	13,990	12,627	12,815	15,638	81.9
DISTRICTS 1-4 Weeks Ended:					
NOV. 21, 1986	11,888	10,575	10,725	12,526	85.6
NOV. 14, 1986	11,721x	10,245x	10,389x	12,526	82.9x
NOV. 22, 1985	11,549	10,302	10,477	12,623	83.0

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended November 21, 1986

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	598*	128*	470	27	73	257	133
Appal. No. 1	41	19	22	--	--	38	6
DISTRICT 1 TOTAL	639*	147*	492	27	73	295	139
Appal. No. 2	10	6	4	--	--	9	1
Ind., Ill., Ky.	1,166	274	892	9	118	445	62
Minn., Wis., Daks.	152	37	115	2	11	76	7
Okla., Kans., Mo.	421	183	238	4	40	199	2
DISTRICT 2 TOTAL	1,749	500	1,249	15	169	729	72
Inland Texas	304	100	204	29	27	113	18
Texas Gulf Coast	1,698*	461	1,237*	36	283	732*	134
La. Gulf Coast	1,180	320	860	10	287	516	156
N. La. and Ark.	63	24	39	4	--	54	8
New Mexico	38	13	25	13	2	16	--
DISTRICT 3 TOTAL	3,283*	918	2,365*	92	599	1,431*	316
DISTRICT 4 TOTAL	232	120	112	11	32	113	9
DISTRICT 5 TOTAL	1,215	298	917	67	261	393	374
TOTAL U.S.	7,118	1,983	5,135	212	1,134	2,961	910
TOTAL U.S. Weeks Ended:							
NOV. 14, 1986	6,692*	1,889*	4,803*	233	1,105	2,892*	957
NOV. 22, 1985	6,434	2,241	4,193	239	1,123	3,107	976
DISTRICTS 1-4 Weeks Ended:							
NOV. 21, 1986	5,903	1,685	4,218	145	873	2,568	536
NOV. 14, 1986	5,518*	1,522*	3,996*	190	785	2,535*	486
NOV. 22, 1985	5,461	1,925	3,536	177	859	2,671	656

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,909	1,091	3,817	1	86	533	10,261	1,127	--
Central Atlantic	27,627*	6,837*	16,367*	4,423*	413	4,939*	43,289*	16,248*	12,614*
Lower Atlantic	33,085*	10,011*	22,760*	314*	547	5,079*	14,836*	3,224*	665*
DISTRICT 1 TOTAL	65,621*	17,939*	42,944*	4,738	1,046	10,551	68,386*	20,599*	13,279
DISTRICT 2 TOTAL	56,823	20,225	29,756	6,842	869	8,890	31,135	3,082	15,238
DISTRICT 3 TOTAL	64,978	15,527	33,186	16,265	2,380	15,764	37,293*	12,436*	50,533
DISTRICT 4 TOTAL	6,177	2,293	2,118	1,766	433	768	2,860	377	2,144
DISTRICT 5 TOTAL	29,718	7,898	14,734	7,086	2,002	5,474	10,513	9,697	21,946
TOTAL U.S.	223,317	63,882	122,738	36,697	6,730	41,447	150,187	46,191	103,140
TOTAL U.S.									
Weeks Ended:									
NOV. 14, 1986	224,888*	64,177*	123,318*	37,393	6,907	42,972	154,344*	45,703*	102,744
NOV. 22, 1985	214,403	71,381	108,837	34,185	6,572	36,579	131,978	45,222	111,413
DISTRICTS 1-4									
Weeks Ended:									
NOV. 21, 1986	193,599	55,984	108,004	29,611	4,728	35,973	139,674	36,494	81,194
NOV. 14, 1986	194,821*	56,108*	108,919*	29,794	5,097	36,874	143,023*	36,186*	80,069
NOV. 22, 1985	186,352	62,458	95,779	28,115	4,903	31,618	121,380	36,783	88,690

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended November 21, 1986

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1986	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
NOV. 21, 1986	5,433.3	5,585.0	4,327	581	268,623
NOV. 14, 1986	5,433.3	--	4,979*	577	269,475*
NOV. 7, 1986	5,546.0	--	4,466	510	268,395
OCT. 31, 1986	5,546.0	--	3,458	518	270,803
DISTRICT 5 TOTAL					
NOV. 21, 1986	3,050.4	3,046.0	341	--	75,036 ♦
NOV. 14, 1986	3,050.4	--	31	14	73,251*
NOV. 7, 1986	3,090.6	--	187	--	70,165
OCT. 31, 1986	3,090.6	--	72	8	77,565
TOTAL U.S.					
NOV. 21, 1986	8,483.7	8,631.0	4,668	581	343,659 ♦
NOV. 14, 1986	8,483.7	--	5,010*	591	342,726*
NOV. 7, 1986	8,636.6	--	4,653	510	338,560
OCT. 31, 1986	8,636.6	--	3,530	526	348,368
NOV. 22, 1985	8,902.0 a/	--	3,899	488	313,289

♦INCLUDES 22,569 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for November 1985.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
NOV. 21, 1986	15,972	76,923	164,379	11,349	268,623	75,036 ♦	343,659 ♦
NOV. 14, 1986	16,806	76,389	164,917*	11,363	269,475*	73,251*	342,726*
NOV. 22, 1985	15,379	67,777	141,207	12,148	236,511	76,778	313,289

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended November 21, 1986

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oil	Other	Total
New England	77	--	77	--	--	--	--	44	1	--	--	122
Central Atlantic	217	17	200	48	6	27	97	462	69	92	68	1,086
Lower Atlantic	52	25	27	--	--	15	65	112	--	--	--	244
DISTRICT 1 TOTAL												
NOV. 21, 1986	346	42	304	48	6	42	162	618	70	92	68	1,452
NOV. 14, 1986	168	41	127	45	8	33	69	431	37	115	--	906
NOV. 7, 1986	314	63	251	58	8	29	121	376	22	184	--	1,112
OCT. 31, 1986	98	7	91	24	8	24	154	539	47	43	68	1,005
DISTRICTS 2-4 TOTAL												
NOV. 21, 1986	18	2	16	8	2	9	8	50	353	96	103	647
NOV. 14, 1986	49	2	47	14	--	2	3	78	308	127*	236	817*
NOV. 7, 1986	14	1	13	9	1	22	4	40	255	174	79	598
OCT. 31, 1986	5	--	5	10	--	--	6	104	333	52	199	709
DISTRICT 5 TOTAL												
NOV. 21, 1986	41	10	31	18	--	37	13	40	11	4	--	164
NOV. 14, 1986	21	6	15	18	--	25	2	19	11	12	35	143
NOV. 7, 1986	28	6	22	13	--	4	3	17	7	14	--	86
OCT. 31, 1986	10	2	8	10	--	5	6	24	12	5	3	75
TOTAL U.S.	405	54	351	74	8	88	183	708	434	192	171	2,263
TOTAL U.S. Weeks Ended:												
NOV. 14, 1986	238	49	189	77	8	60	74	528	356	254*	271	1,866*
NOV. 7, 1986	356	70	286	80	9	55	128	433	284	372	79	1,796
OCT. 31, 1986	113	9	104	44	8	29	166	667	392	100	270	1,789
NOV. 22, 1985	445	77	368	N/A	6	71	386	367	154	539	46	2,014

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 21, 1986

REVISIONS

11/07/86	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,285
			DISTRICT 3 TOTAL	6,573
			TOTAL U.S.	14,191
			DISTRICTS 1-4	11,623
		CRUDE OIL RUNS	TEXAS GULF COAST	2,702
			DISTRICT 3 TOTAL	5,639
			TOTAL U.S.	12,640
			DISTRICTS 1-4	10,186
		INPUT TO CRUDE OIL	TEXAS GULF COAST	2,751
			DISTRICT 3 TOTAL	5,684
			TOTAL U.S.	12,780
			DISTRICTS 1-4	10,296
		% OPERABLE	TEXAS GULF COAST	73.6
			DISTRICT 3 TOTAL	78.7
			TOTAL U.S.	82.0
			DISTRICTS 1-4	82.2
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	29,026
			LOWER ATLANTIC	33,132
		LEADED MGAS	CENTRAL ATLANTIC	6,849
			LOWER ATLANTIC	9,851
		UNLEADED MGAS	CENTRAL ATLANTIC	17,242
			LOWER ATLANTIC	23,012
		BLENDING COMPS	CENTRAL ATLANTIC	4,935
			LOWER ATLANTIC	269
		KEROSINE JET	CENTRAL ATLANTIC	5,815
			LOWER ATLANTIC	4,814
		DISTILLATE FUEL	CENTRAL ATLANTIC	44,744
			LOWER ATLANTIC	15,635
		RESIDUAL FUEL	CENTRAL ATLANTIC	18,723
			LOWER ATLANTIC	3,993
		UNFINISHED OILS	CENTRAL ATLANTIC	12,532
			LOWER ATLANTIC	654
11/14/86	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,399
			DISTRICT 3 TOTAL	6,603
			TOTAL U.S.	14,316
			DISTRICTS 1-4	11,721
	PAGE 2	TOTAL MGAS	EAST COAST	509
			DISTRICT 1 TOTAL	540
			TEXAS GULF COAST	1,577
			DISTRICT 3 TOTAL	2,990
			TOTAL U.S.	6,692
			DISTRICTS 1-4	5,518
		LEADED MGAS	EAST COAST	85
			DISTRICT 1 TOTAL	91
			TOTAL U.S.	1,889

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REVISIONS

	UNLEADED MGAS	DISTRICTS 1-4	1,522
		TEXAS GULF COAST	1,161
		DISTRICT 3 TOTAL	2,204
		TOTAL U.S.	4,803
	DISTILLATE FUEL	DISTRICTS 1-4	3,996
		TEXAS GULF COAST	703
		DISTRICT 3 TOTAL	1,422
		TOTAL U.S.	2,892
		DISTRICTS 1-4	2,535
PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	28,695
		LOWER ATLANTIC	32,426
		DISTRICT 1 TOTAL	66,731
		TOTAL U.S.	224,888
		DISTRICTS 1-4	194,821
	LEADED MGAS	CENTRAL ATLANTIC	6,787
		LOWER ATLANTIC	10,020
		DISTRICT 1 TOTAL	17,988
		TOTAL U.S.	64,177
		DISTRICTS 1-4	56,108
	UNLEADED MGAS	CENTRAL ATLANTIC	17,362
		LOWER ATLANTIC	22,092
		DISTRICT 1 TOTAL	43,882
		TOTAL U.S.	123,318
		DISTRICTS 1-4	108,919
	BLENDING COMPS	CENTRAL ATLANTIC	4,546
		LOWER ATLANTIC	314
	KEROSINE JET	CENTRAL ATLANTIC	5,591
		LOWER ATLANTIC	4,864
	DISTILLATE FUEL	CENTRAL ATLANTIC	44,331
		LOWER ATLANTIC	15,773
		DISTRICT 1 TOTAL	73,417
		DISTRICT 3 TOTAL	35,957
		TOTAL U.S.	154,344
		DISTRICTS 1-4	143,023
	RESIDUAL FUEL	CENTRAL ATLANTIC	16,718
		LOWER ATLANTIC	3,722
		DISTRICT 1 TOTAL	21,400
		DISTRICT 3 TOTAL	11,281
		TOTAL U.S.	45,703
		DISTRICTS 1-4	36,186
	UNFINISHED OILS	CENTRAL ATLANTIC	12,631
		LOWER ATLANTIC	702
PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,979
		TOTAL U.S.	5,010
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	269,475

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 21, 1986

REVISIONS

		DISTRICT 5 TOTAL	73,251
		TOTAL U.S.	342,726
PAGE 4 B	TOTAL	PAD DISTRICT 3	164,917
		TOTAL PAD DISTRICTS 1-4	269,475
		PAD DISTRICT 5	73,251
		TOTAL U.S.	342,726
PAGE 5	UNFINISHED OIL	DISTRICTS 2-4 TOTAL	127
		TOTAL U.S.	254
	TOTAL	DISTRICTS 2-4 TOTAL	817
		TOTAL U.S.	1,866